

FIG. 6

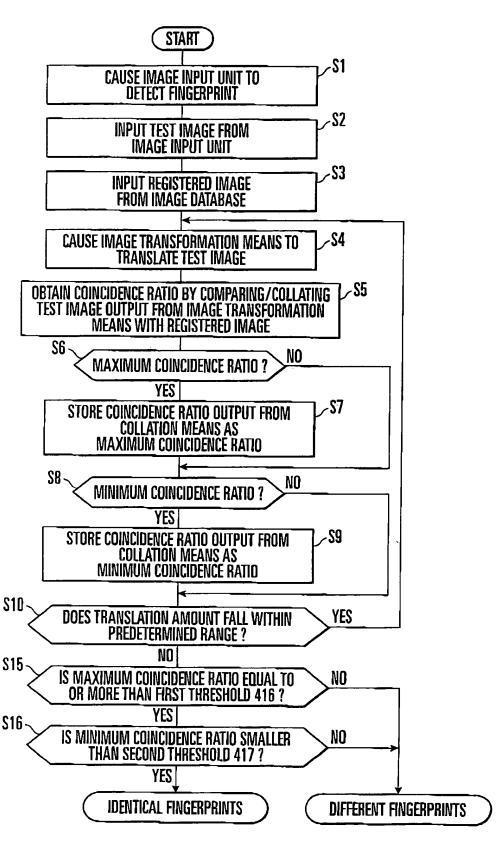
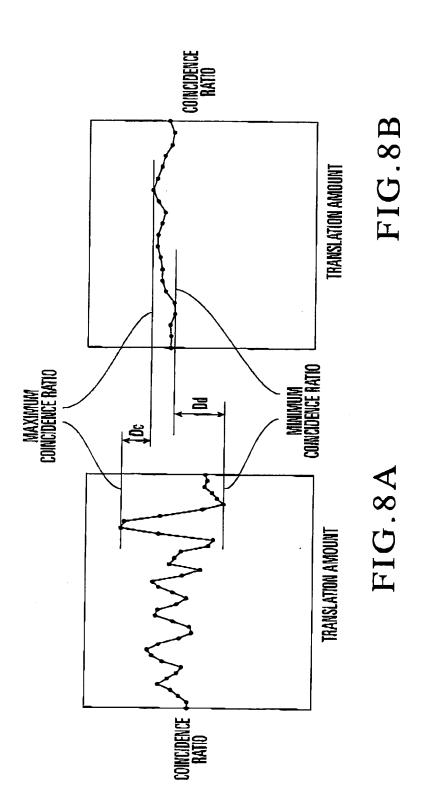


FIG. 7



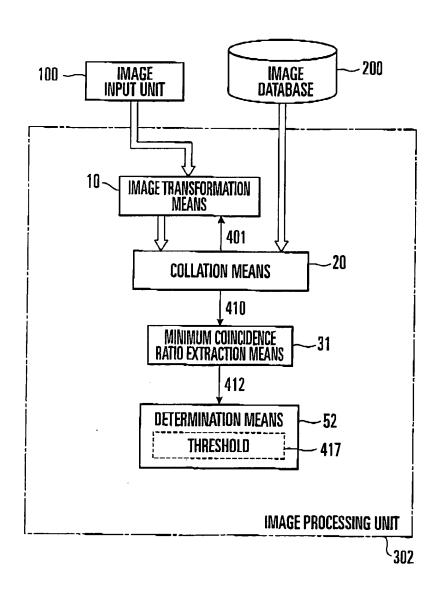


FIG. 9

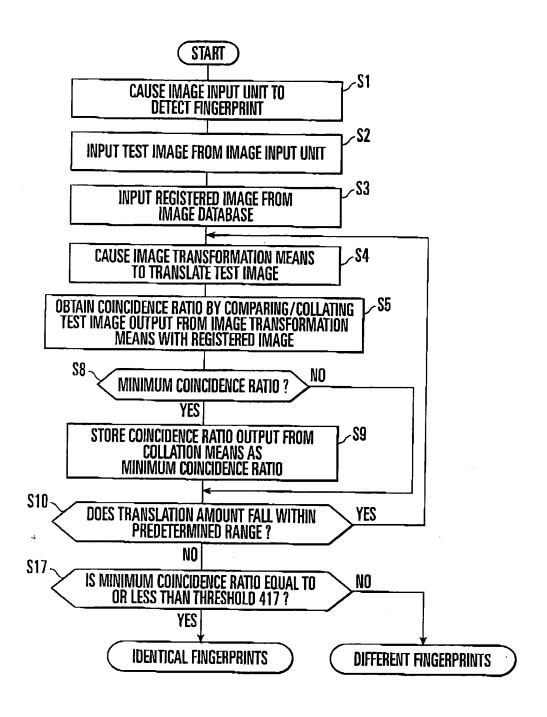


FIG. 10

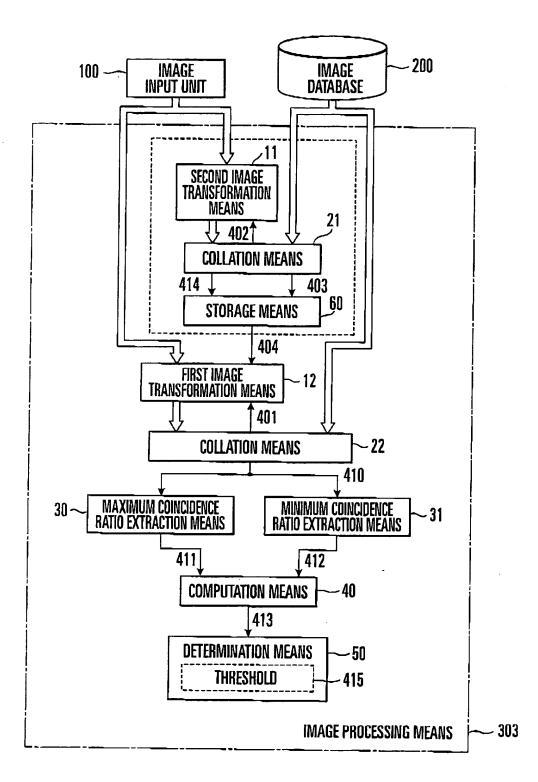


FIG.11

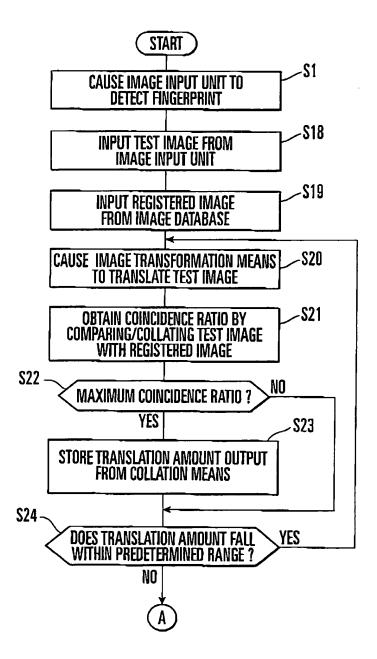


FIG.12A

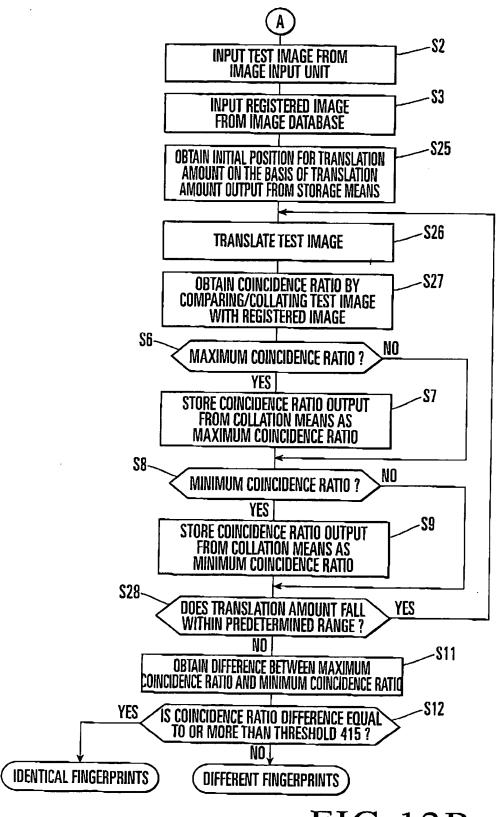


FIG.12B

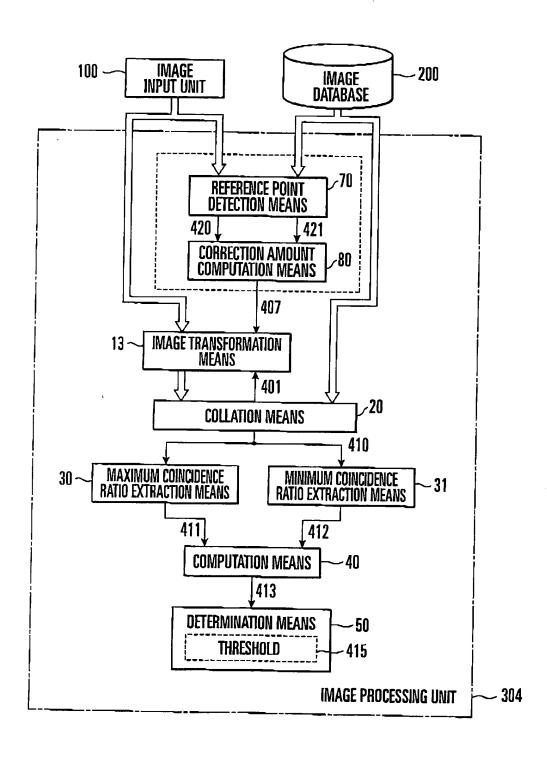


FIG.13

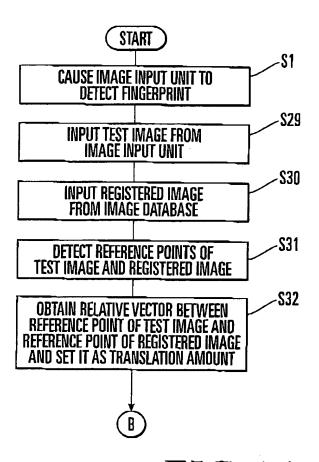


FIG.14A

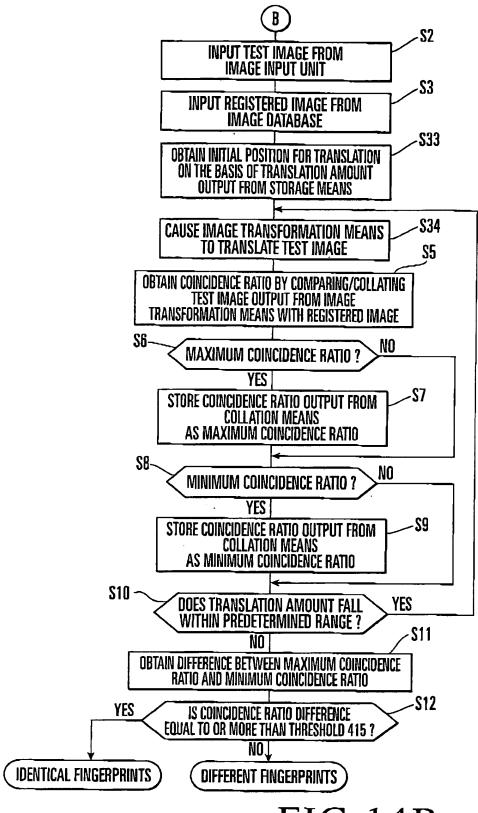


FIG.14B

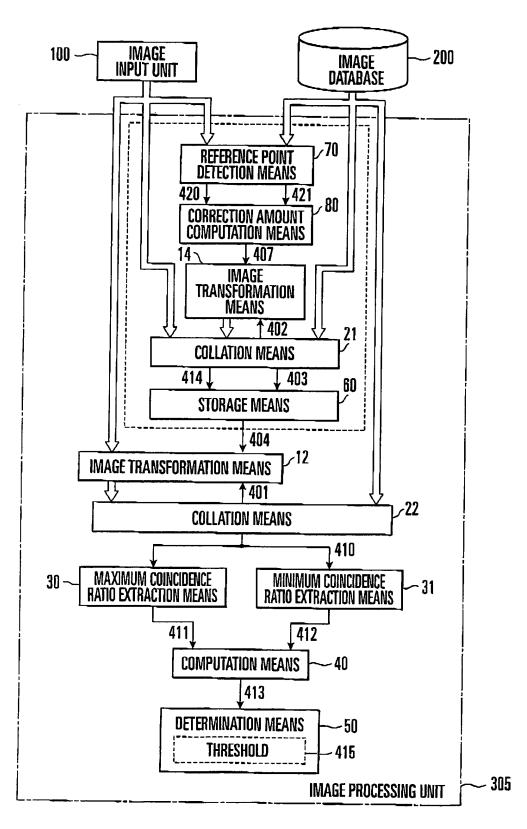
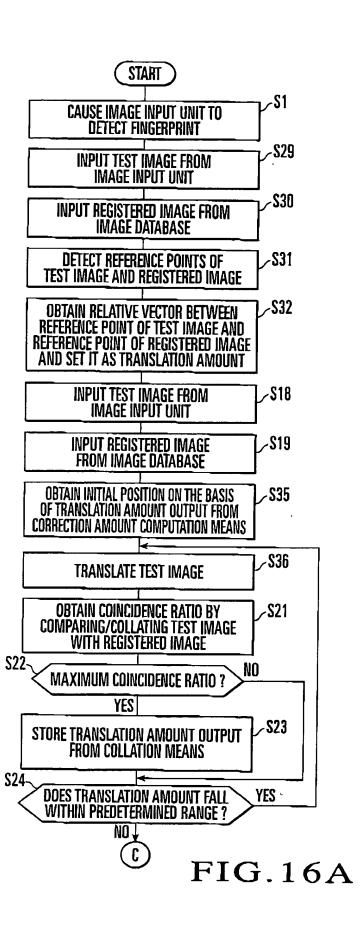


FIG.15



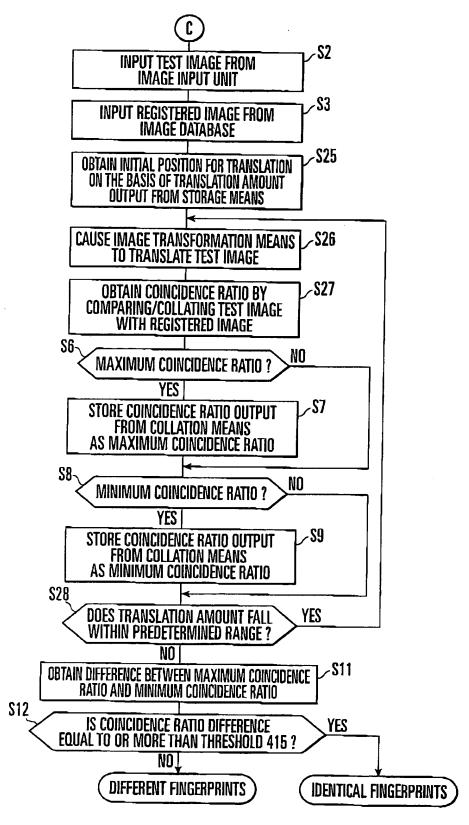


FIG.16B

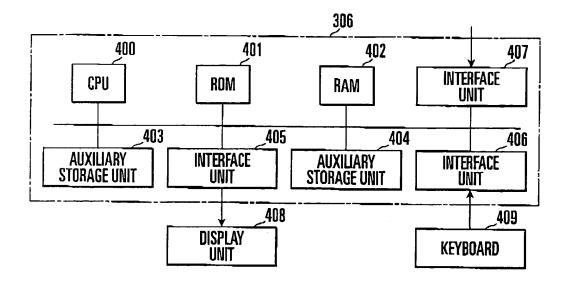


FIG.17

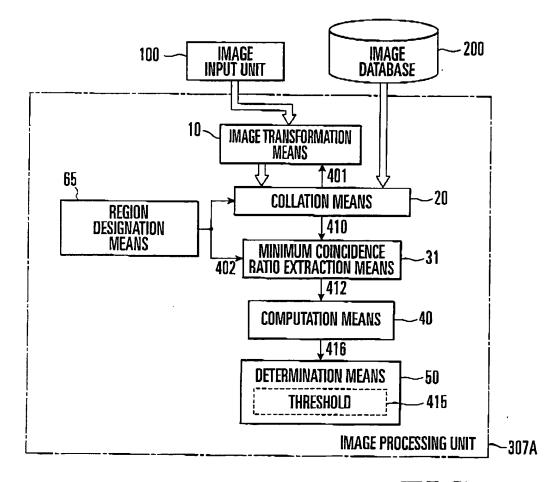


FIG.18

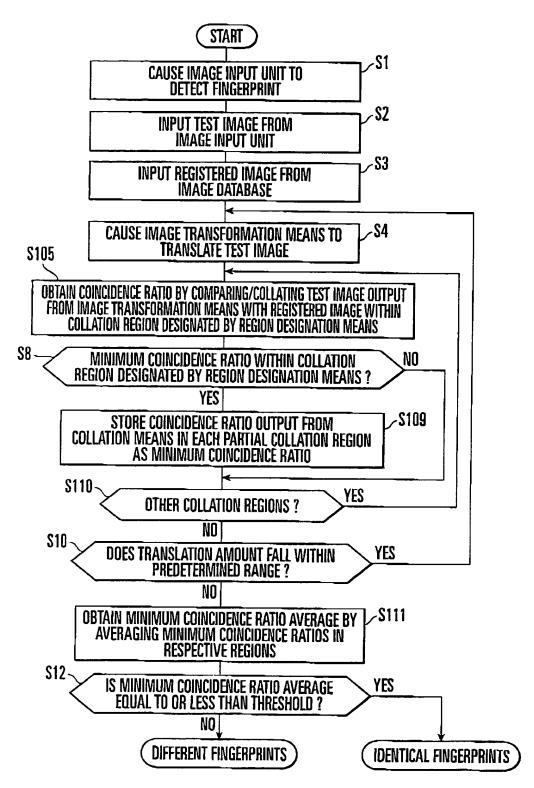
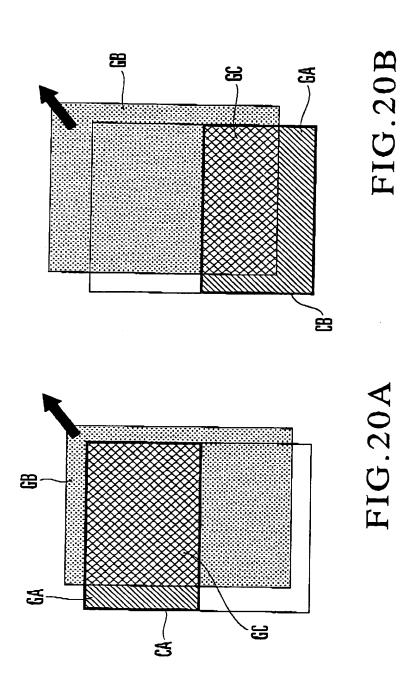


FIG.19



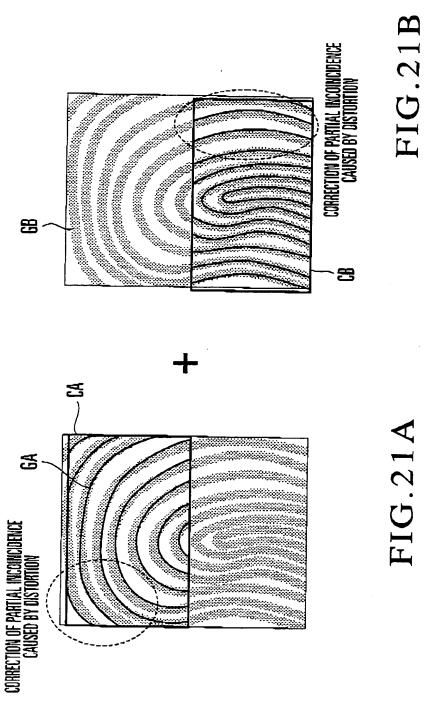


FIG.21A

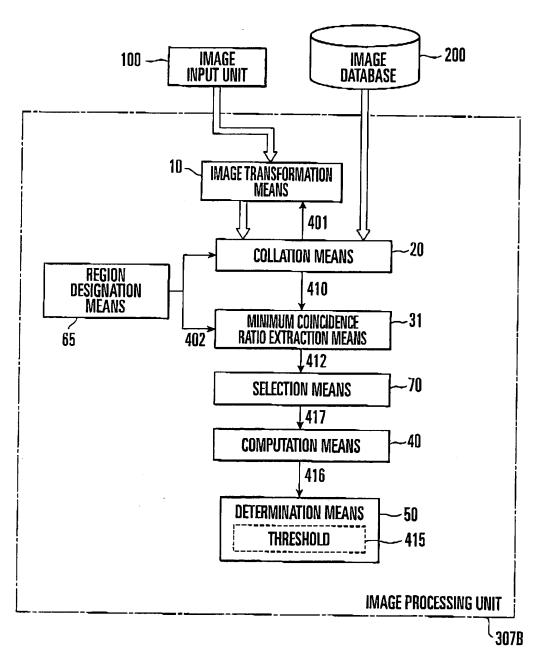
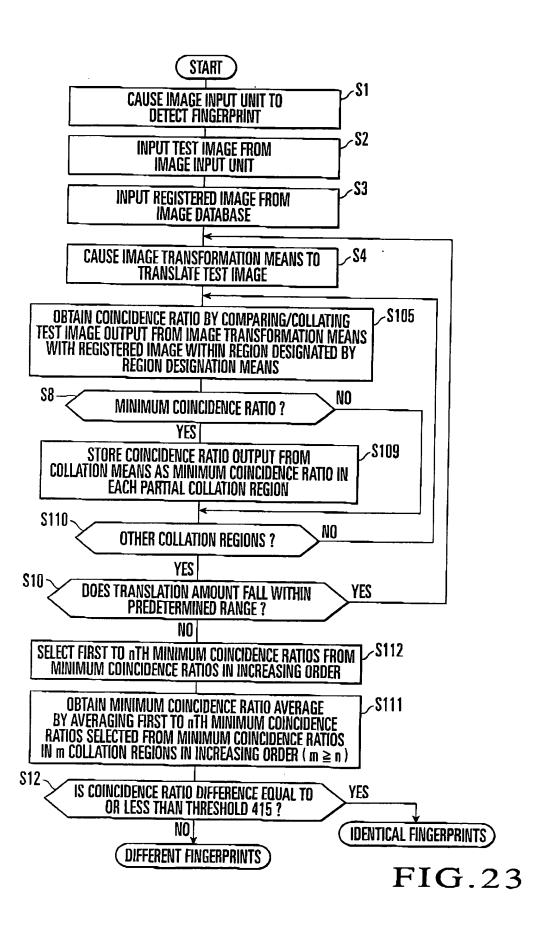


FIG.22



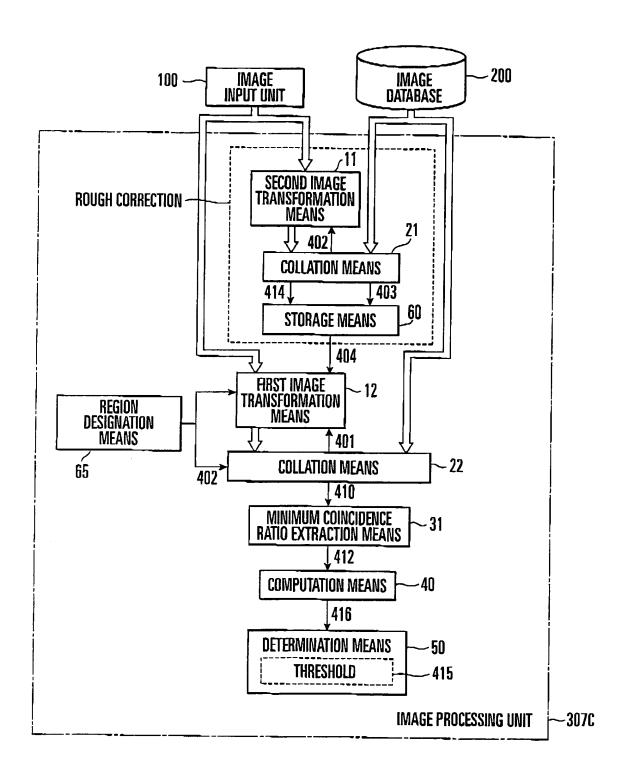


FIG.24

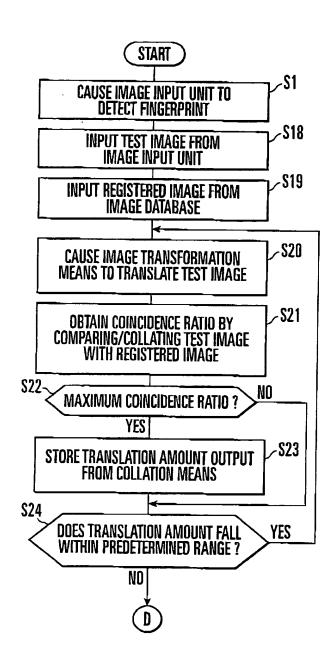


FIG.25A

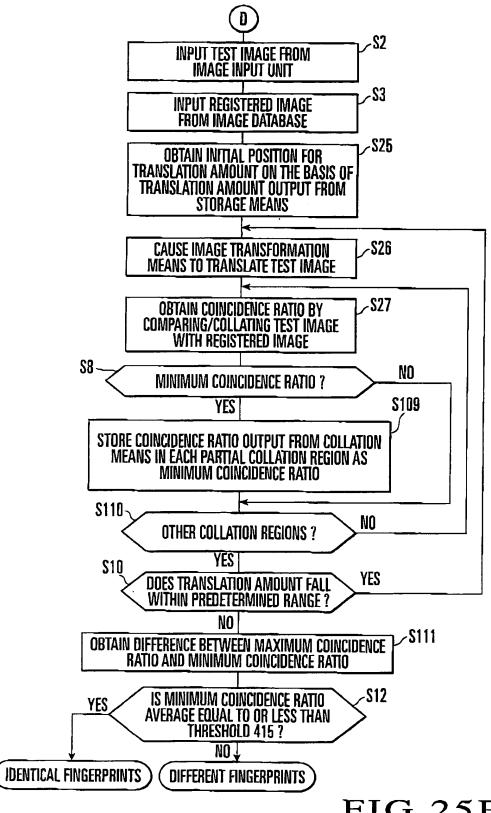


FIG.25B

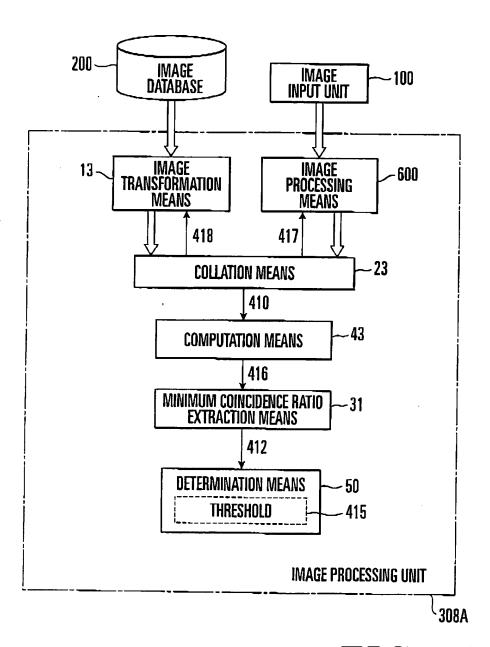


FIG.26

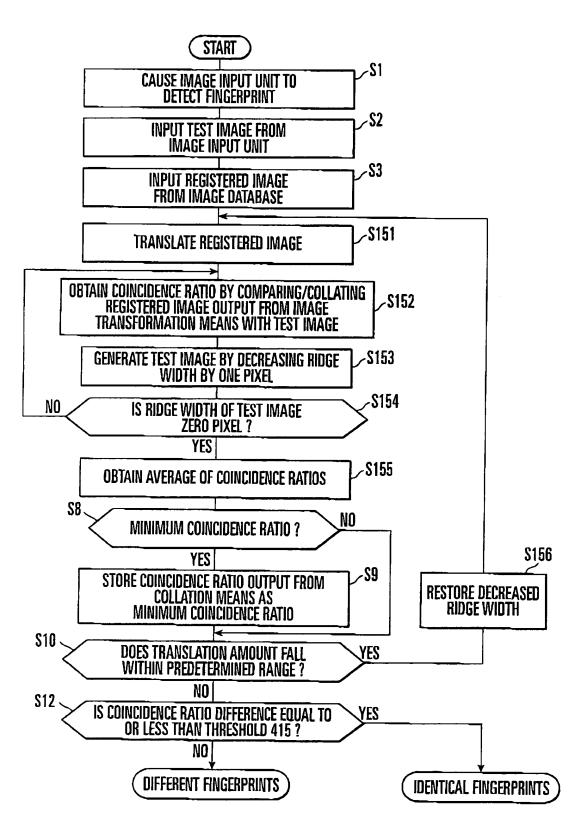
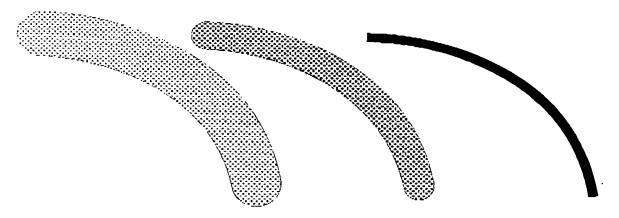


FIG.27



TEST IMAGE OUTPUT FROM IMAGE INPUT UNIT

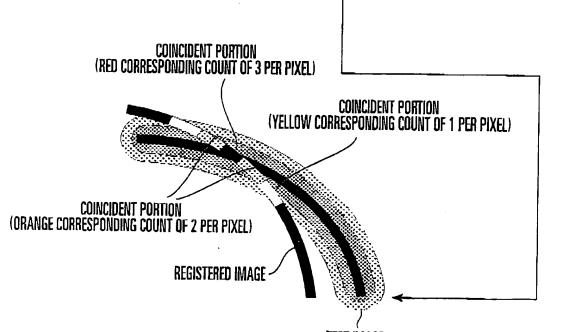
TEAT IMAGE OBTAINED BY DECREASING RIDGE WITH USING IMAGE PROCESSING MEANS

TEST IMAGE OBTAINED BY EXECUTING IMAGE PROCESSING MEANS UNTIL RIDGE WIDTH BECOMES ONE PIXEL

FIG.28A

FIG.28B

FIG.28C



TEST IMAGE (SUPERIMPOSITION OF TEST IMAGES HAVING DIFFERENT WIDTHS)

FIG.29

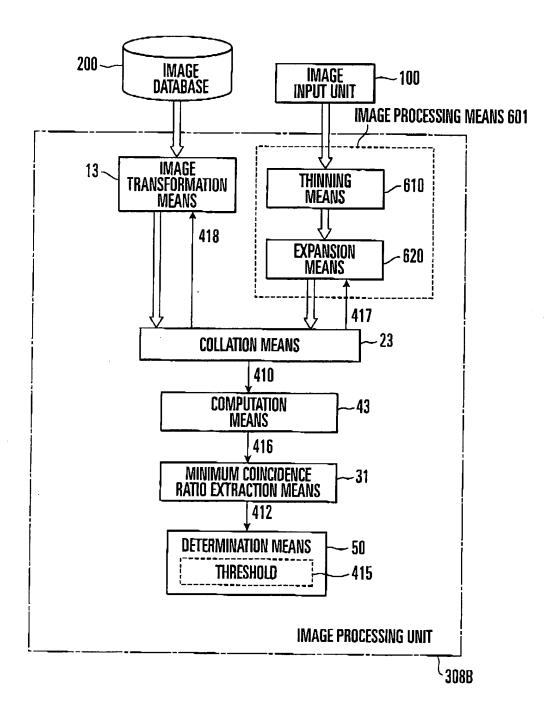
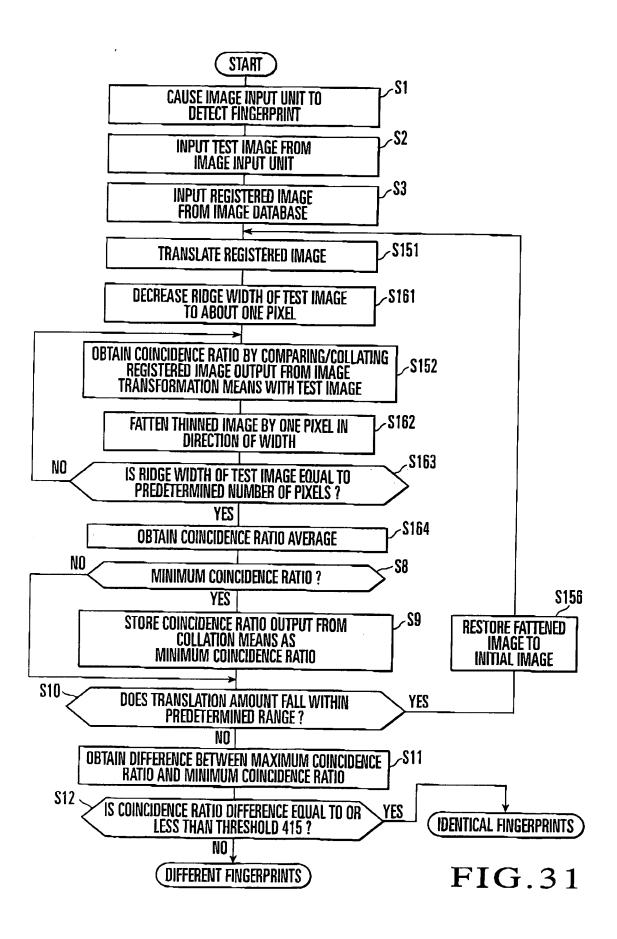


FIG.30



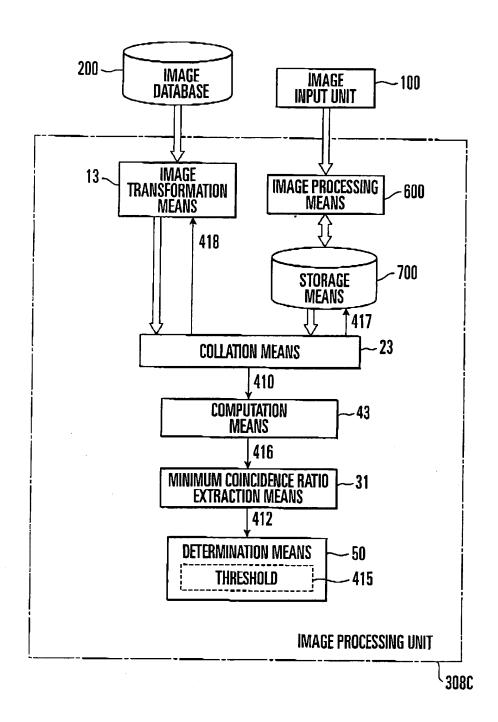
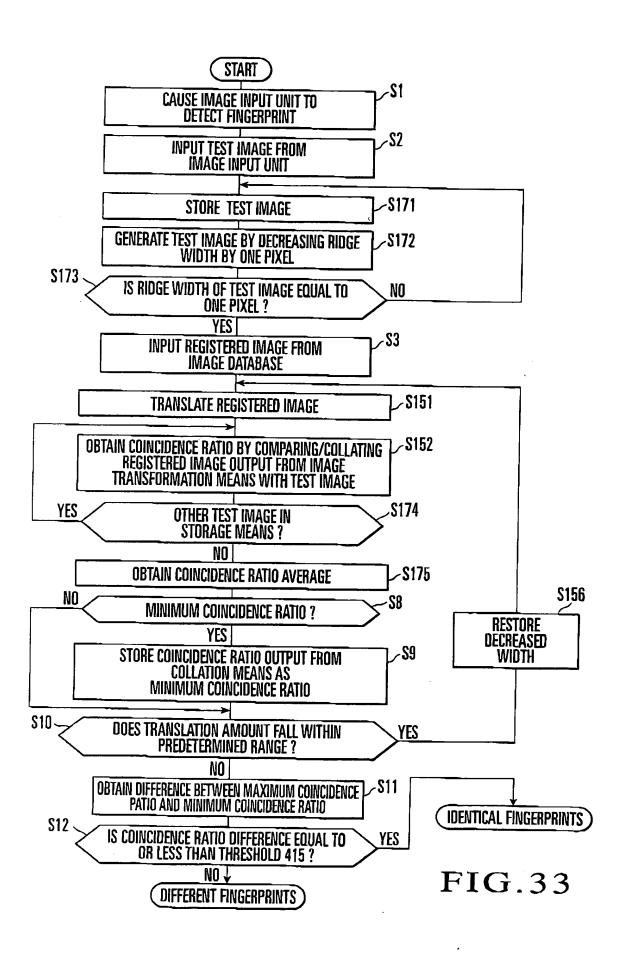


FIG.32



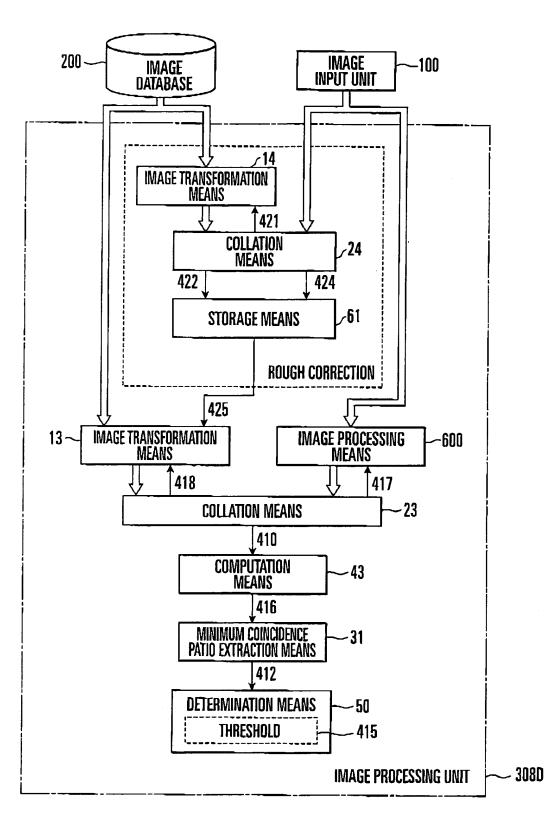


FIG.34

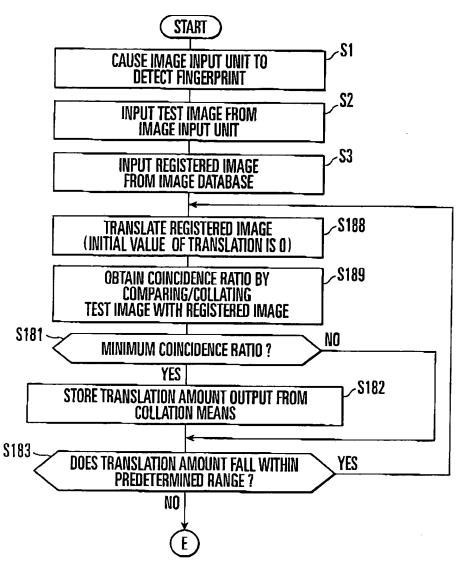


FIG.35A

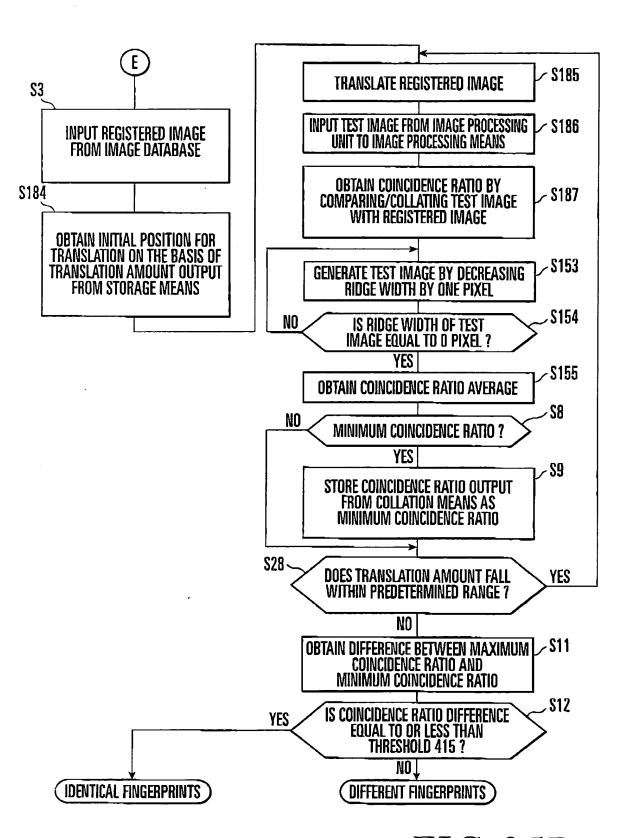


FIG.35B

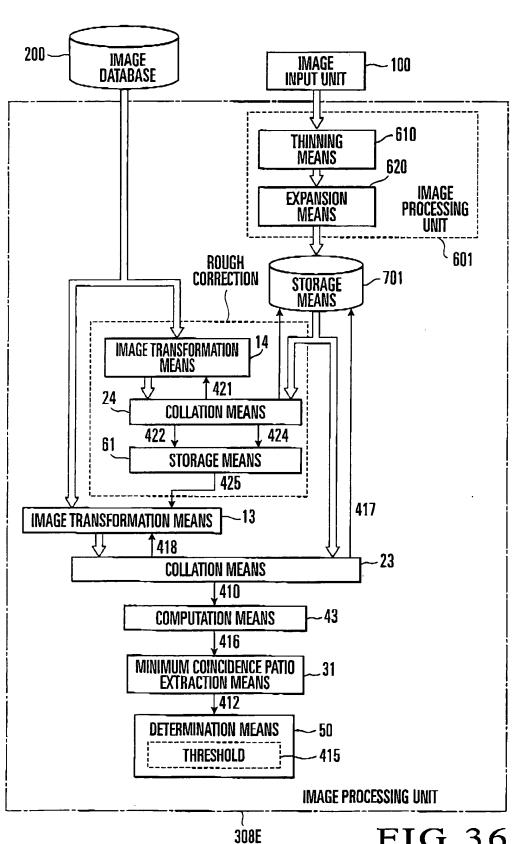
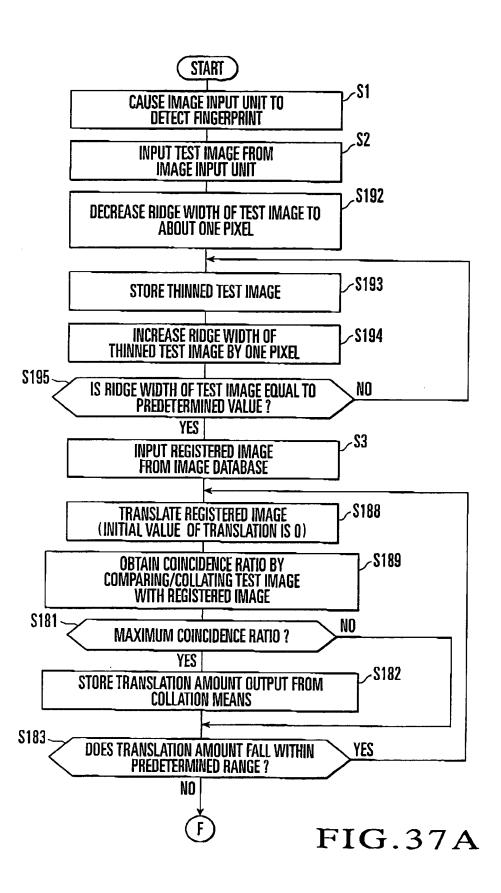


FIG.36



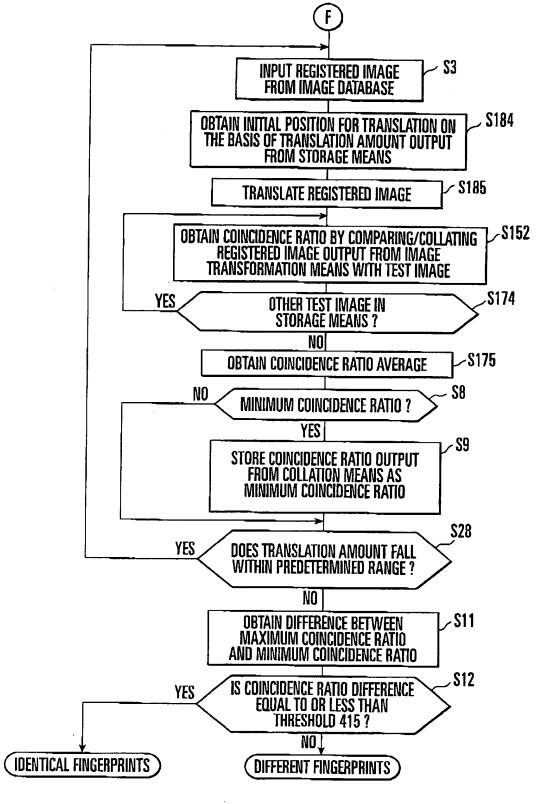


FIG.37B

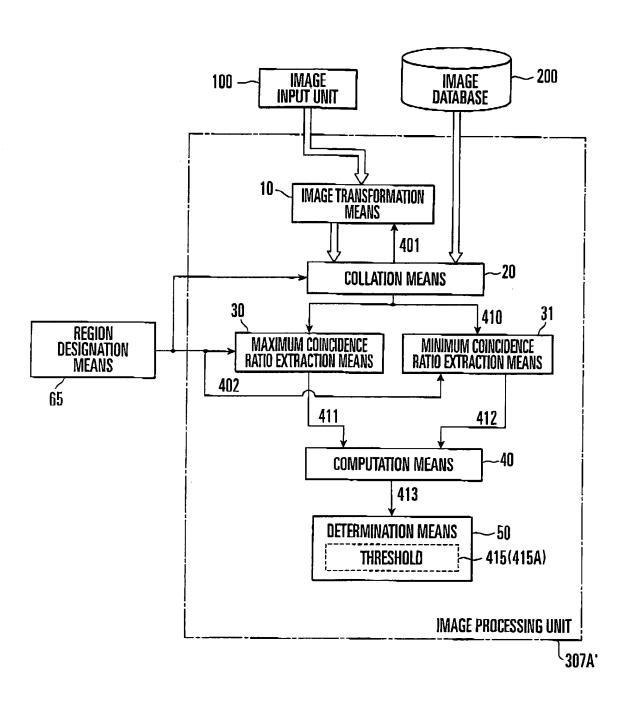
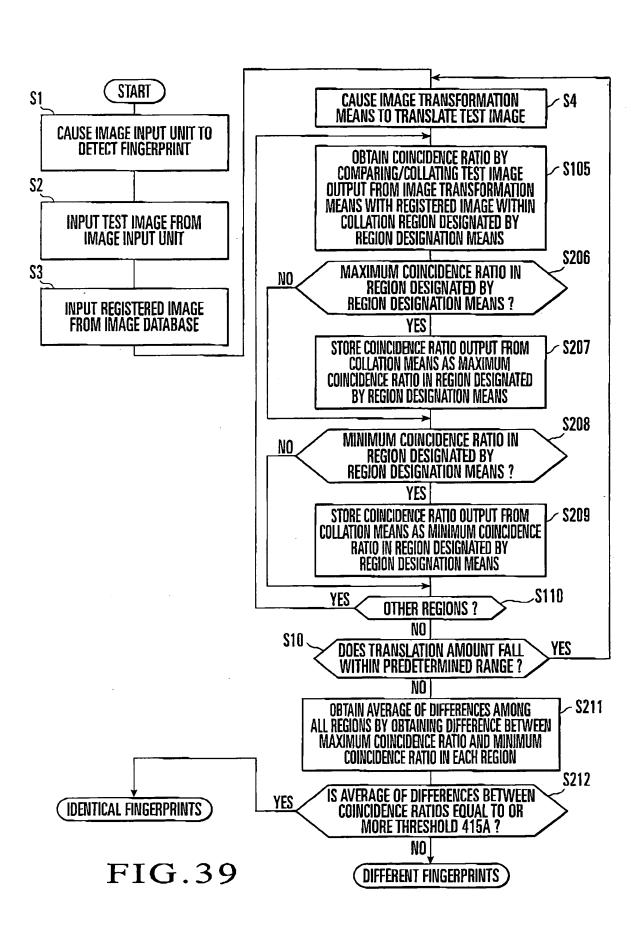


FIG.38

'01 06/04 17:53 FAX 03 3581 5754



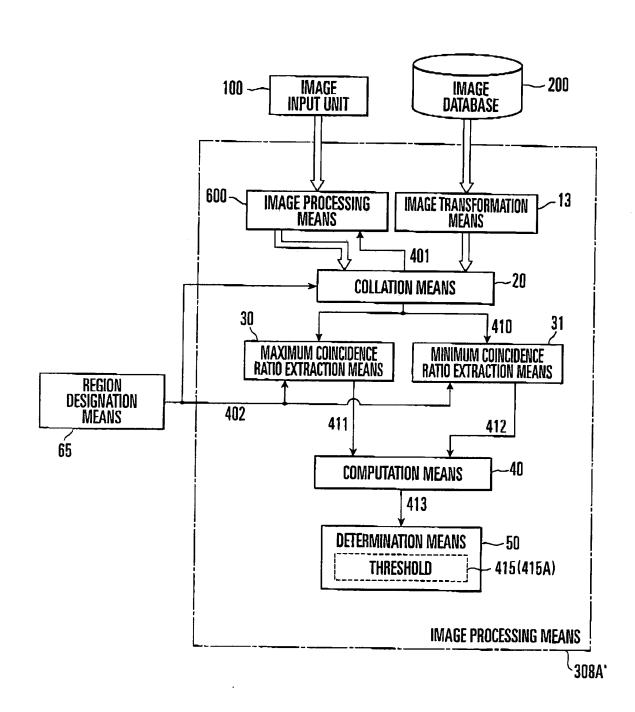
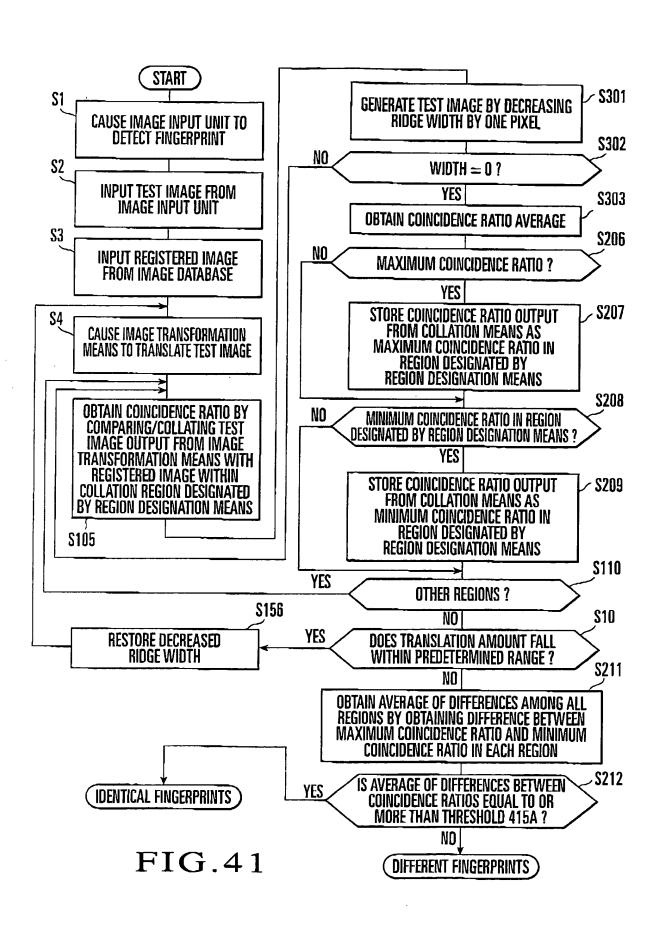


FIG.40



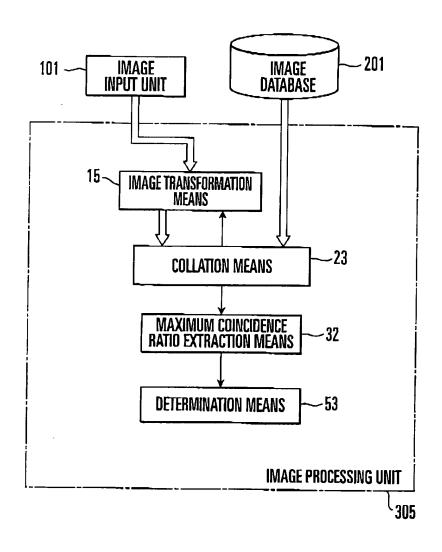


FIG.42 PRIOR ART

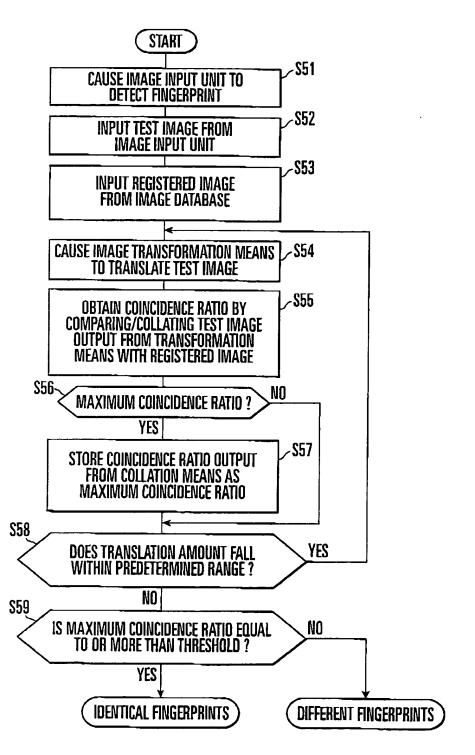
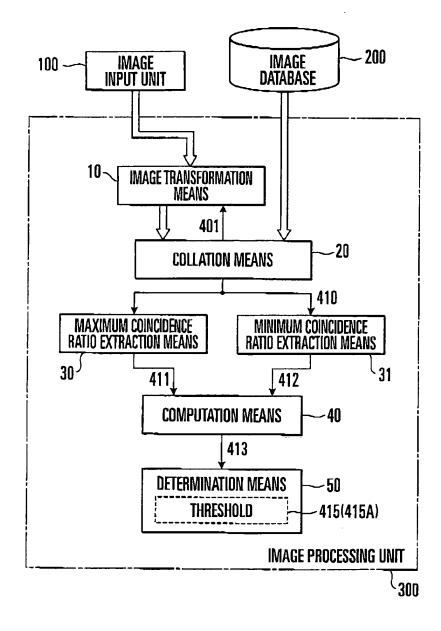


FIG.43
PRIOR ART



F I G. 1